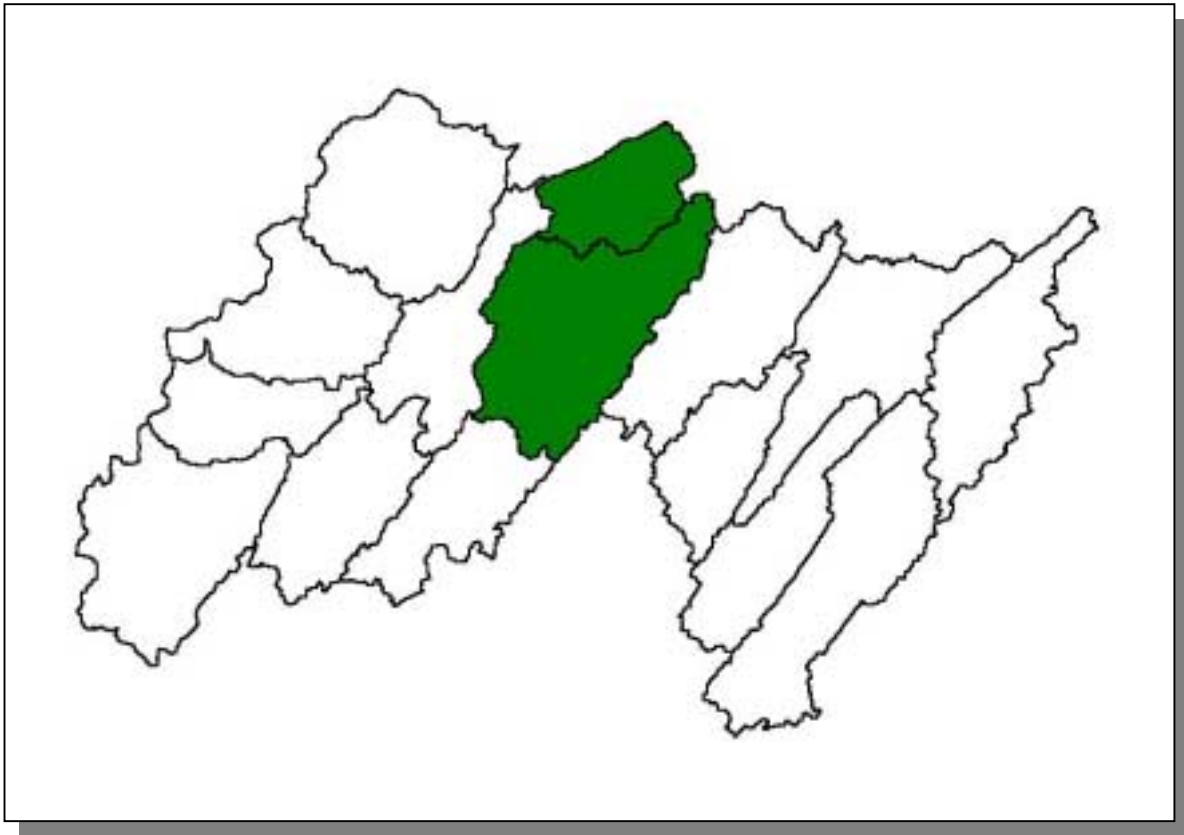
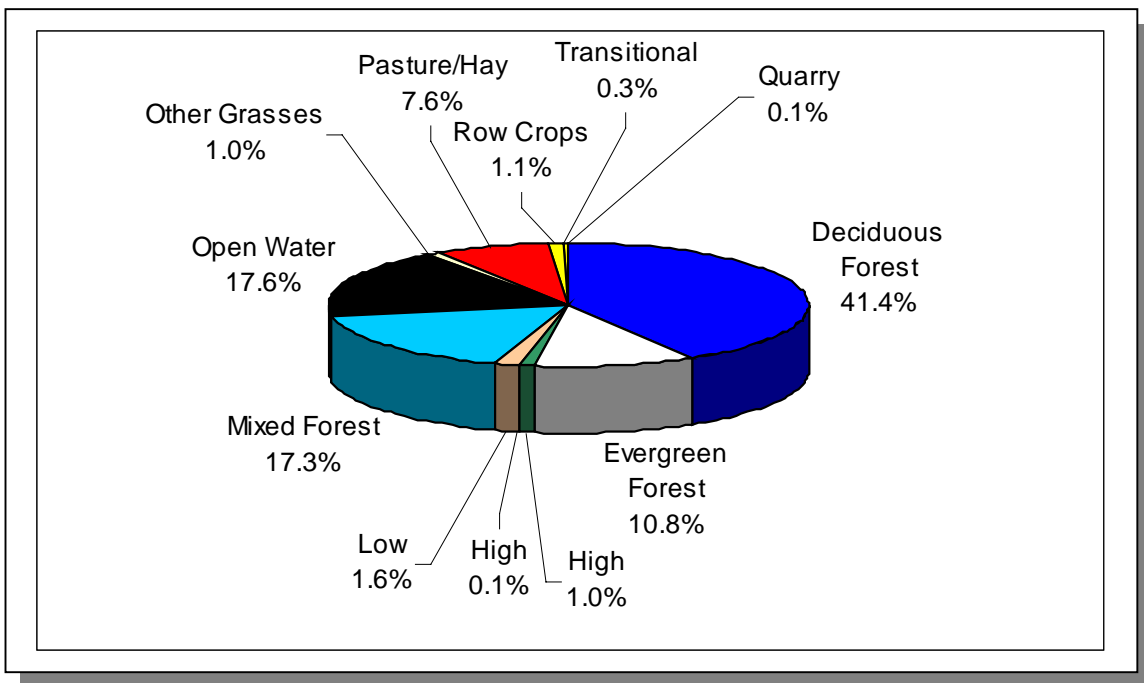


4.2.G. 06010201200.

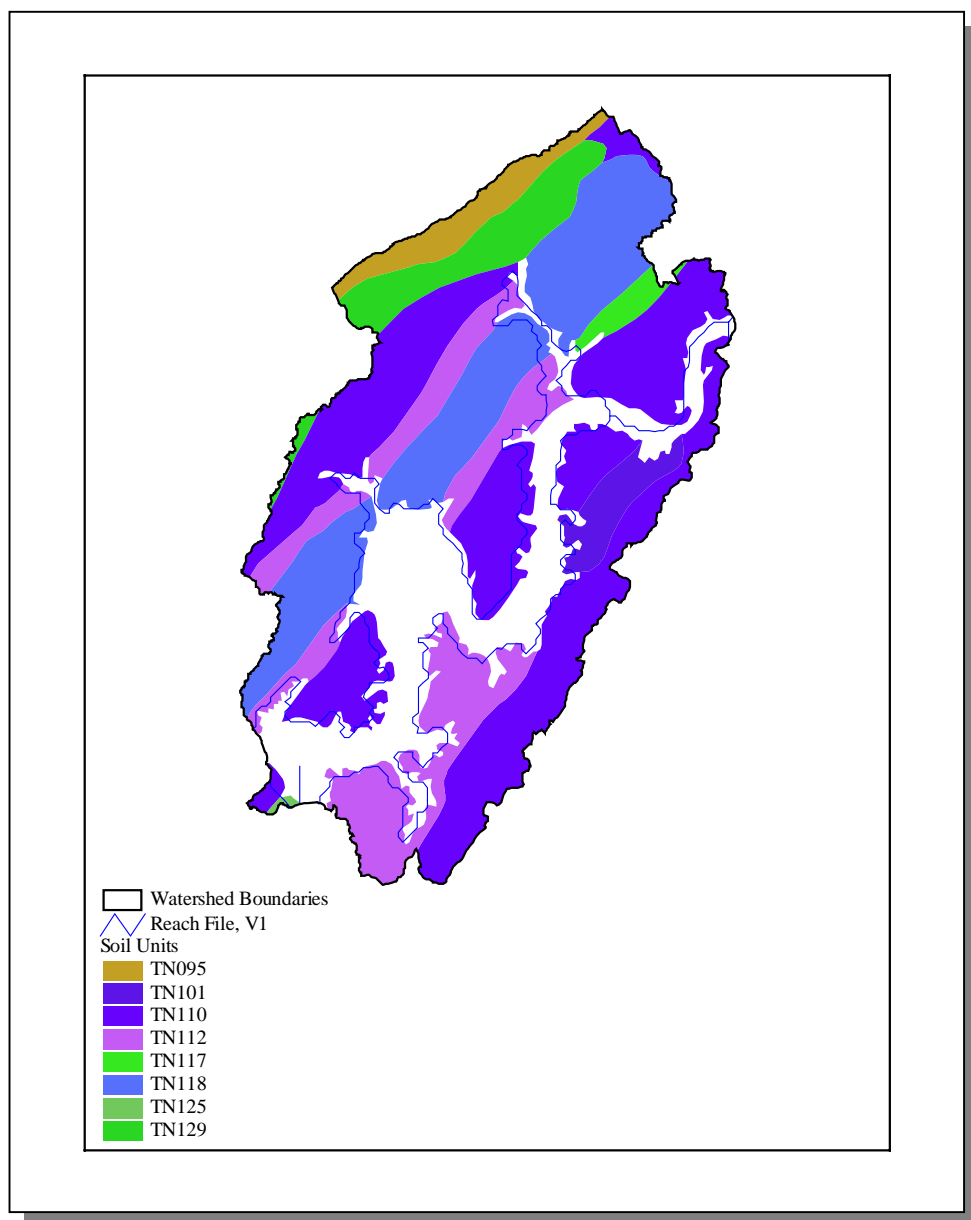


**Figure 4-32. Location of Subwatershed 06010201200.** All Watts Bar HUC-14 subwatershed boundaries are shown for reference.

4.2.G.i. General Description.



**Figure 4-33. Land Use Distribution in Subwatershed 06010201200.** More information is provided in Watts Bar-Appendix IV.



**Figure 4-34. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010201200.**

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN095	0.0	B	2.35	5.12	Loam	0.31
TN101	0.0	B	1.71	5.39	Loam	0.35
TN110	0.0	B	2.22	4.96	Loam	0.31
TN112	2.0	C	2.36	5.09	Loam	0.35
TN117	1.0	C	2.06	5.16	Loam	0.37
TN118	0.0	C	6.52	5.12	Loam	0.29
TN125	0.0	C	8.50	5.00	Sandy Loam	0.20
TN129	0.0	B	2.65	5.24	Loam	0.26

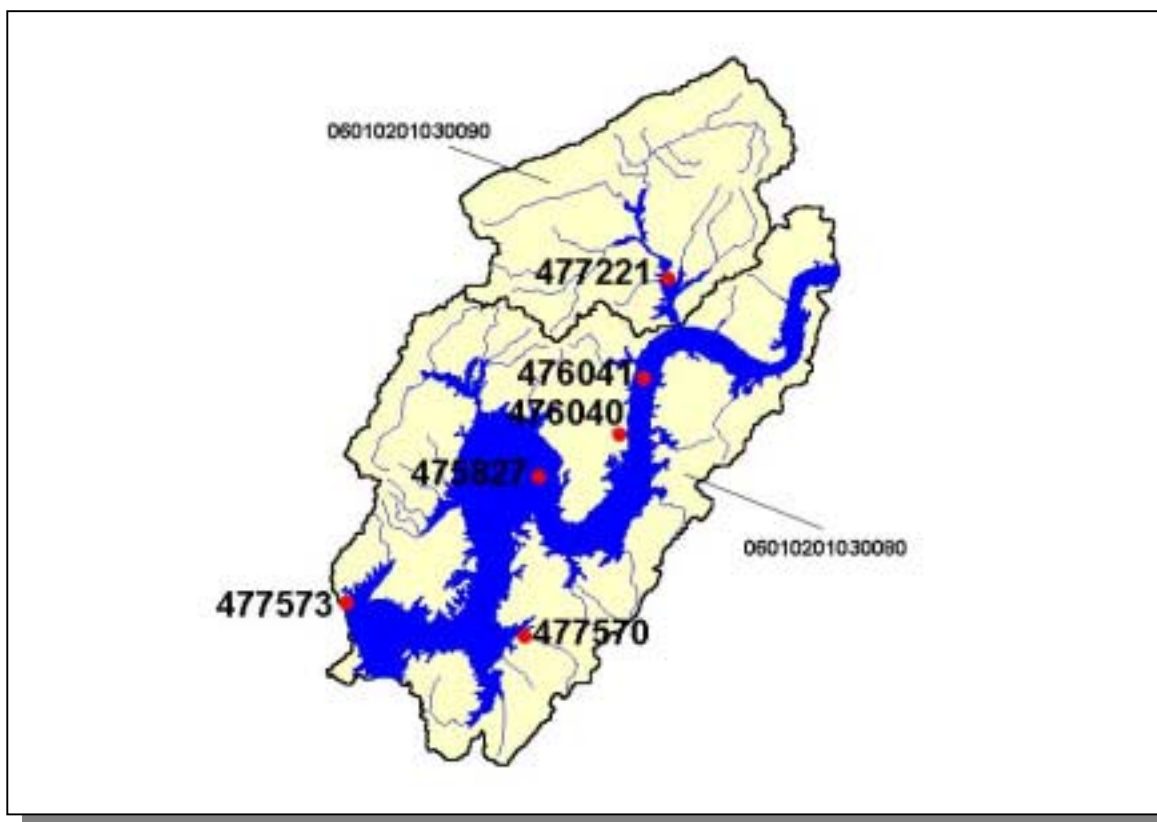
**Table 4-42. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010201200.** More information is provided in Watts Bar-Appendix IV.

	COUNTY POPULATION			ESTIMATED POPULATION IN WATERSHED		% CHANGE
County	1990	1997 Est.	Portion of Watershed (%)	1990	1997	
Meigs	8,033	9,690	0.64	51	62	21.6
Rhea	24,344	27,672	0.42	101	115	13.9
Roane	47,227	49,885	23.78	11,229	11,862	5.6
<b>Total</b>	<b>79,604</b>	<b>87,247</b>		<b>11,381</b>	<b>12,039</b>	<b>5.8</b>

*Table 4-43. Population Estimates in Subwatershed 06010201200.*

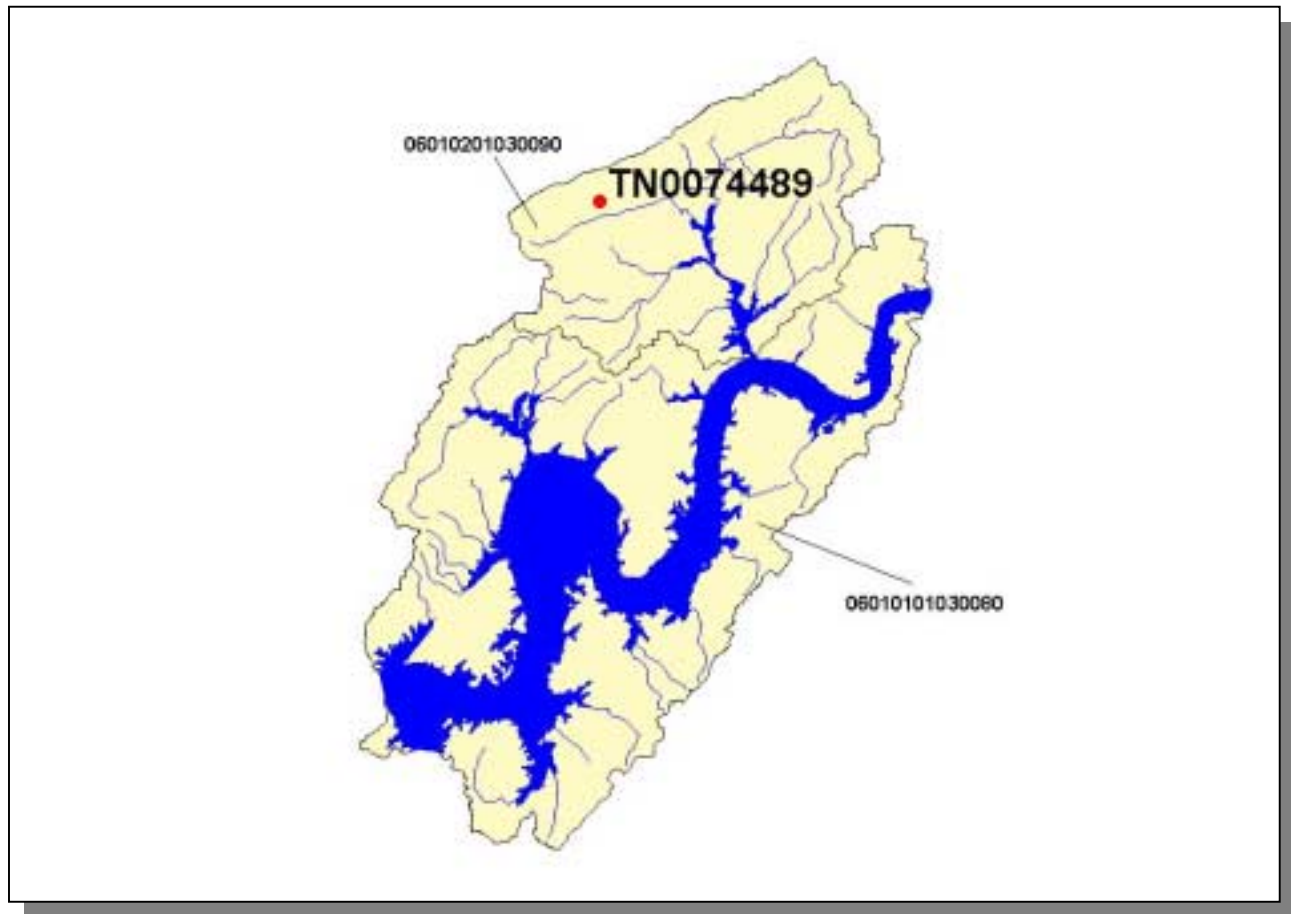
			NUMBER OF HOUSING UNITS			
Populated Place	County	Population	Total	Public Sewer	Septic Tank	Other
Harriman	Roane	7,119	3,234	2,776	445	13
Rockwood	Roane	5,348	2,326	1,818	508	0
<b>Total</b>		<b>12,467</b>	<b>5,560</b>	<b>4,594</b>	<b>953</b>	<b>0</b>

*Table 4-44. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 06010201200.*

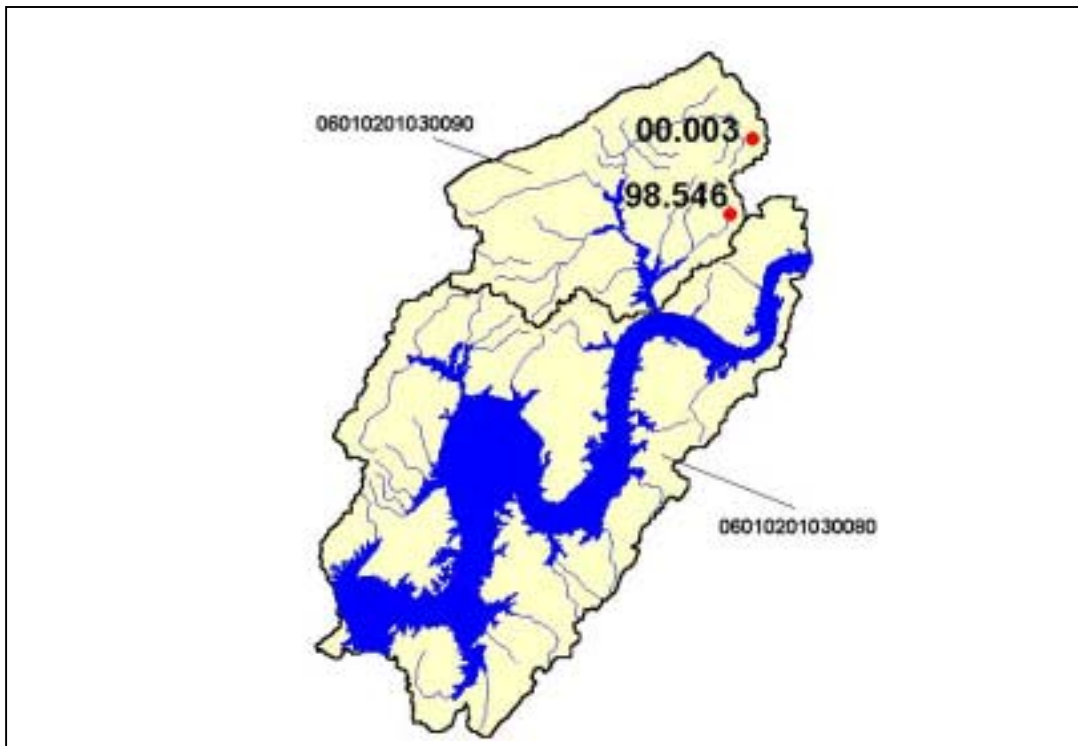


**Figure 4-35. Location of STORET Monitoring Sites in Subwatershed 06010201200.** Subwatershed 06010201030080 and 06010201030090 boundaries are shown for reference. More information is provided in Watts Bar-Appendix IV.

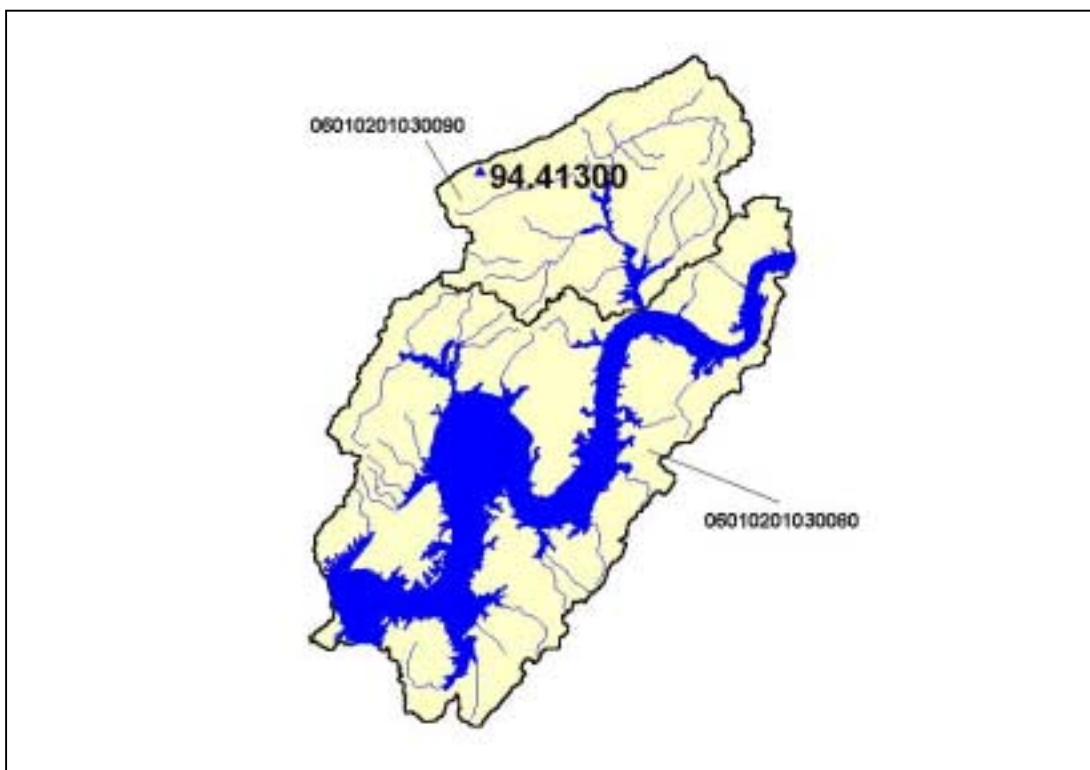
4.2.G.ii. Point Source Contributions.



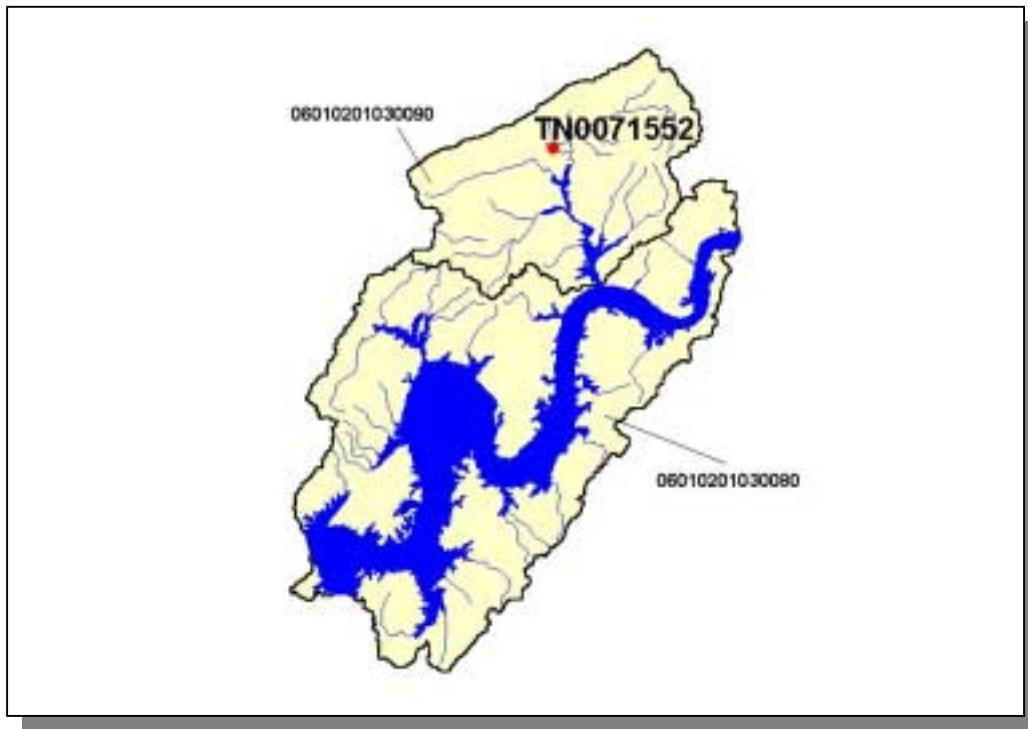
**Figure 4-36. Location of Active Point Source Facilities (Individual Permits) in Subwatershed 06010201200.** Subwatershed 06010201030080 and 06010201030090 boundaries are shown for reference. More information, including the names of facilities, is provided in Watts Bar-Appendix IV.



**Figure 4-37. Location of ARAP Sites (individual Permits) in Subwatershed 06010201200.** Subwatershed 06010201030080 and 06010201030090 boundaries are shown for reference. More details may be found in Watts Bar-Appendix IV.



**Figure 4-38. Location of Wetland Impact Sites in Subwatershed 06010201200.** Sites are from ARAP database. Subwatershed 06010201030080 and 06010201030090 boundaries are shown for reference. More information is presented in Watts Bar-Appendix IV.



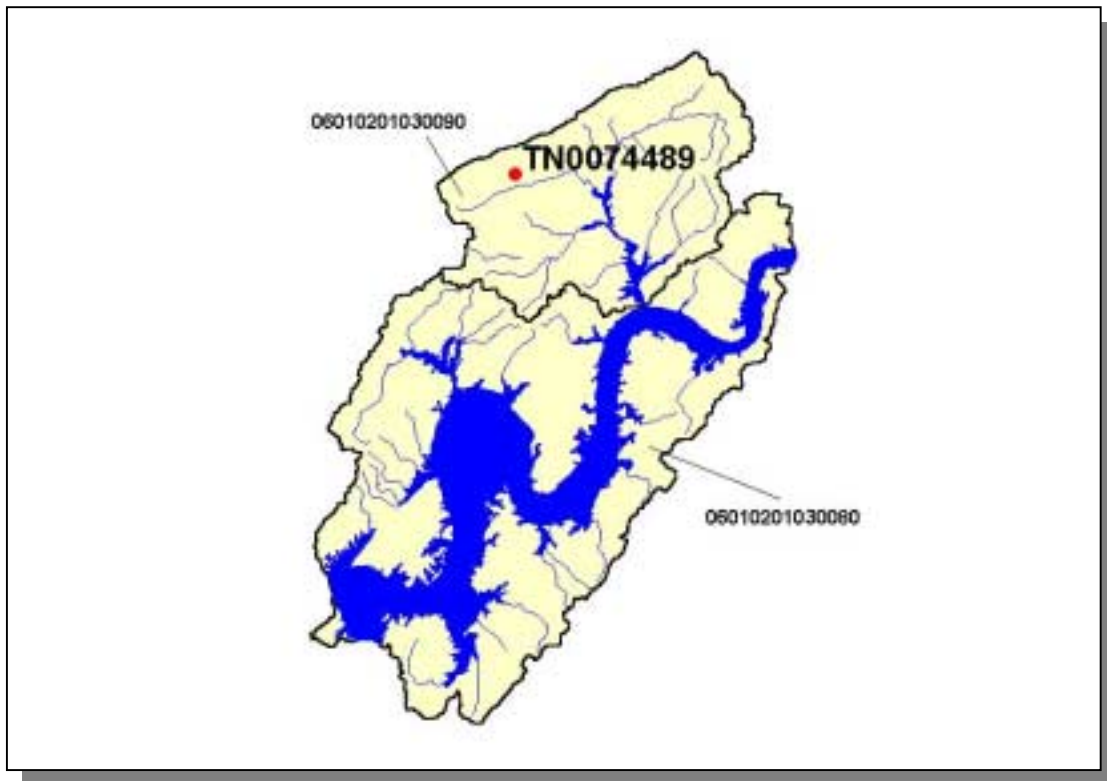
**Figure 4-39. Location of Active Mining Sites in Subwatershed 06010201200.** Subwatershed 06010201030080 and 06010201030090 boundaries are shown for reference. More information, including the names of facilities, is provided in Watts Bar-Appendix IV.



**4.2.G.ii.a. Dischargers to Water Bodies Listed on the 1998 303(d) List**

There are five NPDES facilities discharging to water bodies listed on the 1998 303(d) list in Subwatershed 06010201200:

- TN0074489 discharges to Black Creek



**Figure 4-40. Location of NPDES Dischargers to Water Bodies Listed on the 1998 303(d) List in Subwatershed 06010201200.** Subwatershed 06010201030080 and 06010201030090 boundaries are shown for reference. The names of facilities are provided in Watts Bar-Appendix IV.

PERMIT #	7Q10	1Q20	30Q2	QDESIGN	QLTA
TN0074489					10.257

**Table 4-45. Receiving Stream Flow Information for NPDES Dischargers to Waterbodies Listed on the 1998 303(d) List in Subwatershed 06010201200.** Data are in million gallons per day (MGD). 30Q2 data were obtained by using data in Flow Duration and Low Flows of Tennessee Streams Through 1992.

PERMIT #	METAL
TN0074489	X

**Table 4-46. Monitoring Requirements for NPDES Dischargers to Waterbodies Listed on the 1998 303(d) List in Subwatershed 06010201200.**

PERMIT #	Fe
TN0074489	X

**Table 4-47. Parameters Monitored for Daily Maximum (mg/L) Limits for NPDES Dischargers to Waterbodies Listed on the 1998 303(d) List in Subwatershed 06010201200.**

**4.2.G.iii. Nonpoint Source Contributions.**

LIVESTOCK (COUNTS)					
Beef Cow	Cattle	Milk Cow	Chickens	Hogs	Sheep
680	1,316	53	<5	15	15

**Table 4-48. Summary of Livestock Count Estimates in Subwatershed 06010201200.** According to the Census of Agriculture, "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Meigs	83.0	83.0	0.2	0.0
Rhea	126.5	126.4	1.7	4.7
Roane	153.1	153.1	1.7	5.1
<b>Total</b>	<b>362.6</b>	<b>326.5</b>	<b>3.6</b>	<b>9.8</b>

**Table 4-49. Forest Acreage and Average Removal Rates (1987-1994) in Subwatershed 06010201200.**

CROP	TONS/ACRE/YEAR
Non Agricultural Land Use	0.00
Legume Grass (Hayland)	0.26
Grass (Pastureland)	2.34
Legume (Pastureland)	0.23
Grass, Forbs, Legumes (Mixed Pasture)	0.46
Forest Land (Not Grazed)	0.00
Farmsteads and Ranch Headquarters	1.55
Corn (Row Crops)	2.36
Soybeans (Row Crops)	4.06
Wheat (Close Grown Cropland)	8.50
Forest Land (Grazed)	0.00

**Table 4-50. Annual Estimated Total Soil Loss in Subwatershed 06010201200.**